

IDENTIFICATION

Species: *Anacardium occidentale*

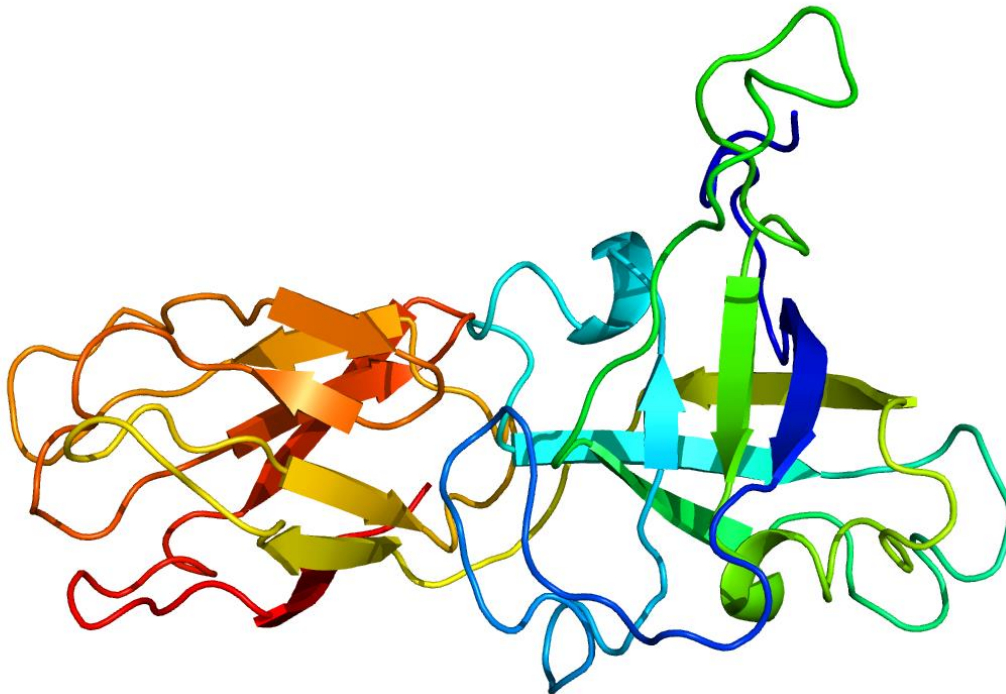
Locus: Anaoc.0014s1192

Gene Model: Anaoc.0014s1192.1.p

Description: AocEXPA-22

Family: Alpha Expansin

3D structure:



GENOME DATABASES

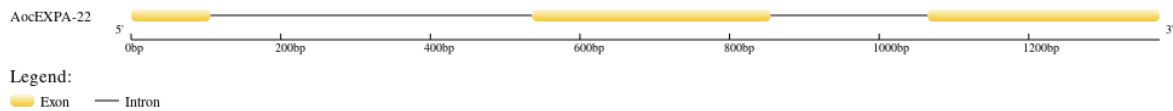
Phytozome: https://phytozome-next.jgi.doe.gov/info/Aoccidentale_v0_9

KEGG:-

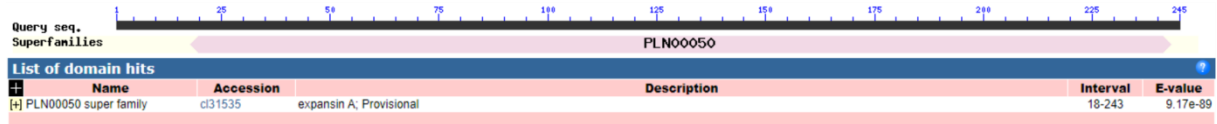
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AocEXPA-22

MLTDYLTHARHRPNFKPSPWKRAHATFYEGNSRSFGGACGYEDVSAQGYGMETAA
LSSTLFNKGQTCGACYEIKCTDSPQWCKRGQPSLFVTATDHCPPNFNLPNNNGGCW
PPREHFDIAYPAFSHIAEYKAGIVPIEYRRVPCHKKGGIRFTITGNPYFNLVSVWNVGG
AGEVSVLVKGGDKLKWTELRRNWGQKWETGERLIGESLTFRVRASDGRYSTSWH
VAPKNWQFGQTFEGKNFK*

CDS (coding sequence)

>AocEXPA-22

ATGTTGACGGATTACCTTACCCATGCTCGACATAGGCCAAACTTCAAGCCTAGTC
CTTGAAGAGGGCTCATGCTACTTTTTACGAGGGAAACTCAAGATCATTCCGGTGG
AGCTTGTGGTTATGAAGATGTATCTGCACAAGGCTATGGCATGGAAACAGCAGCA
TTGAGTTCAACTTTGTTAATAAGGGTCAGACTTGTGGTGCTTGTATGAAATTAA
ATGTACTGATAGCCCTCAGTGGTGCAAGCGTGGACAACCATCTCTGTTTGTACAG
GCCACAGACCATTGTCCACCAACTTTAATCTACCAAATAACAACGGAGGTTGGT
GTAATCCACCTCGCGAACATTTTGACATAGCCTATCCAGCATTCTCTCATATTGCT
GAATACAAGGCTGGCATTGTCCCGATTGAATATCGAAGAGTTCATGCCATAAGA
AAGGAGGTATTCGATTTACAATTACTGGGAACCCCTACTTCAATCTAGTCTCAGT
ATGGAATGTGGGAGGCGCAGGAGAGGTTGTTAGCGTGCTAGTGAAGGGTGATGA
CAAGTTGAAATGGACAGAATTGAGACGAAATTGGGGTCAAAGTGGGAGACTGG
TGAAAGGTTGATTGGAGAGTCACTGACCTTCAGAGTTAGAGCAAGTGATGGTAG
ATACTCGACTTCATGGCATGTTGCGCCAAAAATTGGCAGTTTGGCCAAACTTTC
GAGGGCAAAAACCTTCAAGTAG

Nucleotide

>AocEXPA-22

ATGTTGACGGATTACCTTACCCATGCTCGACATAGGCCAAACTTCAAGCCTAGTC
CTTGAAGAGGGCTCATGCTACTTTTTACGAGGGAAACTCAAGATCATTCCGGTAC
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TTGAGGTCTCATATGTTGAGAATATACCAAGTTCTGTGATACAATTTATGATTAT
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AATTGTTTATATCTTAACTATAGAATAATGAGGAAGTATTTTCATAAATTTAGTCG
AAGAACAGAACAAAGATAATTAATTTTCTATTAATGAAGTTCTGACTTGTTTAA
ATACTACTGTAGAGTTCCATGCCATAAGAAAGGAGGTATTCGATTTACAATTACT
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GTTGTTAGCGTGCTAGTGAAGGGTGATGACAAGTTGAAATGGACAGAATTGAGA
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CCAAAATTGGCAGTTTGGCCAACTTTCGAGGGCAAAAACCTTCAAGTAG